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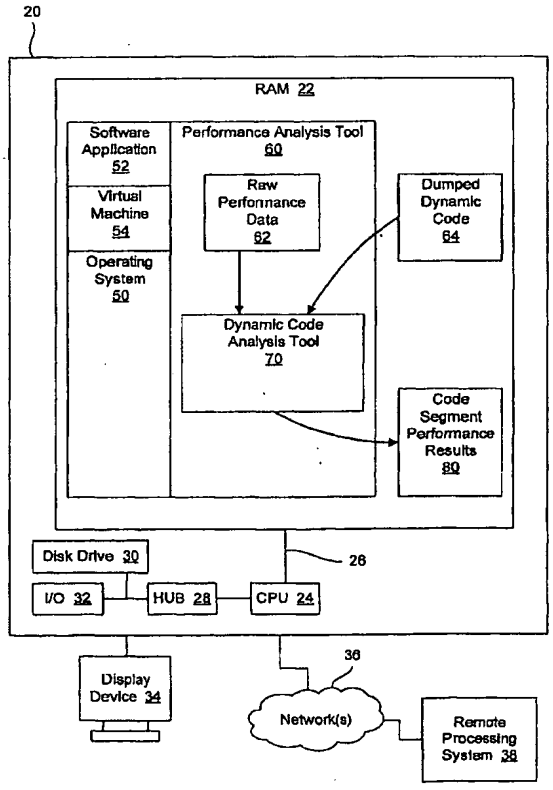
(54) Title: MINING FOR PERFORMANCE DATA FOR SYSTEMS WITH DYNAMIC COMPILERS



(57) Abstract: In an example data mining process, performance data for instructions that execute in a data processing system is obtained. The performance data may comprise instruction addresses and corresponding performance information. A dump that comprises the instructions and corresponding instruction addresses may also be obtained. Common code segments in the dump may be automatically identified. A common code segment may comprise an ordered set of multiple instructions that appears multiple times in the dump. Aggregate performance data for the code segments may be generated, based at least in part on (a) the instruction addresses associated with the common code segments in the dump, and (b) the instruction addresses and the corresponding performance information performance data. Other embodiments are described and claimed.

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